

AOS - 0017

***National
Environmental
Achievement Track
Application Form***

IBM Rochester

Name of facility

IBM Corporation

Name of parent company (if any)

3605 Highway 52 North

Street address

Dept KP8

Street address (cont.)

Rochester, MN 55901-7802

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name **David C Reichert**

Title **Mgr - Env, Chemical & Energy Services**

Phone **507-253-5237**

Fax **507-253-7994**

E-mail **reichert@us.ibm.com**

Section A

Tell us about your facility

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

1 What do you do or make at your facility?

Electronic computer systems: manufacturing,
development, and programming laboratory.

Electronic computer system components:
printed circuit boards and glass
substrate strengthening and polishing

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3571 3672 3695

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes ☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50
☐ 50-99
☐ 100-499
☐ 500-1,000
☒ More than 1,000

Section 4, continued

- 5 Does your facility have an EPA ID number(s)?

☒ Yes ☐ No

If yes, list in the right-hand column.

MND-006-161-756

- 6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right or enclose a completed Checklist with your application.

Refer to checklist

- 7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

- 8 Optional: Is there anything else you would like to tell us about your facility?

- 2000 Cinergy Corp's Supplier

Environmental Excellence Award

- 1999 Minnesota Hazardous Waste

Compliance Recognition Award

- 1998 Minnesota Waste Wise Leadership

Section A - 8 Continued

- 1998 Certified by BVQI to the ISO 14001 Standard
- 1998 Governors Award for Excellence in Pollution Prevention
- 1996 International Design Resource Award for the AS/400 use of post consumer recycled materials
- 1996 Minnesota Waste Wise Leadership Award
- 1994 Minnesota Energy Savers Award of Excellence
- 1993 Minnesota Pollution Control Agency's Award for Hazardous Waste Management
- 1993 Governor's Award for Excellence in Pollution Prevention--solid waste source reduction
- 1992 Governor's Award for Excellence in Pollution Prevention--CFC elimination
- 1992 EPA Ozone Protection Award for CFC Elimination
- 1992 Olmsted County Award for Environmental Excellence--Prairie Restoration Project
- IBM Best Site Award for Environmental Packaging in 1989, 1990, and 1991

Section B

Tell us about your EMS.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

- 1 Check yes if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy ----- ☒ Yes

b. Planning ----- ☒ Yes

c. Implementation and operation ----- ☒ Yes

d. Checking and corrective action ----- ☒ Yes

e. Management review ----- ☒ Yes

- 2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

- 3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

- 4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use? ☒ Self-assessment

Note 1:

- IBM Professional Self Assessment - Internal protocol
- Location Internal EMS (ISO14001) Audits
- Real Estate and Site Operations Peer Review

☐ GEMI ☒ Other
See Note 1

☐ CEMP

☒ Third-party assessment

Note 2:

- BVQI Audit - Certification - 12/09/97
- BVQI Surveillance Audit - Latest 4/26/00

☒ ISO 14001 Certification -See Note 2

Note 3: - IBM Corporate Internal Audit - Independent organization within IBM.

☒ Other See Note 3

Section C

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

Tell us about your past achievements and future commitments

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Waste Recycling and Reuse	7,391	tons	8,779	tons
<p>i. How is the current level an improvement over the previous level?</p> <p>The amount of waste recycled/re-used increased over the time period.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>				
<p>ii. How did you achieve this improvement?</p> <p>Reasons for the increase are: increased use of parts transport packaging with key suppliers, increased recycling of: cardboard, plastics, and wood pallets.</p> <p>_____</p> <p>_____</p> <p>_____</p>				

Section C, continued

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Waste-Hazardous	1,090,000	lbs	854,000	lbs
<p>i. How is the current level an improvement over the previous level? The amount of hazardous waste generated decreased.</p> <p>_____</p> <p>_____</p> <p>_____</p>				
<p>ii. How did you achieve this improvement?</p> <p>Isolated the treatment of an electroplating wastestream so that the sludge produced from this wastestream was the only F006 hazardous sludge.</p> <p>_____</p> <p>_____</p> <p>_____</p>				

2. Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

- a. What is the aspect? Preservation/Restoration- Habitat Stewardship
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: 38 acres
Absolute value (Quantity/Units)
- ☐ Option B:
In terms of units of production _____

D.C.R

AOS-0017

- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: 54 acres
Absolute value (Quantity/Units)

Option B:
In terms of units
of production
or output (Quantity/Units)

- e. How will you achieve this improvement?

Convert 16 more acres of site into natural
habitat area, primarily native prairie grass and
wetlands.

Second aspect you've selected

Non-hazardous Waste - Recycled/Re-used

- a. What is the aspect?

- b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: 12,706 metric tons
1999 73.9% recycle
Absolute value (Quantity/Units)

Option B:
In terms of units
of production
or output (Quantity/Units)

- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output

☒ Option A: 79% - 2000
Absolute value 81% - 2001, 84% - 2002
(Quantity/Units)

Option B:
In terms of units
of production
or output (Quantity/Units)

- e. How will you achieve this improvement?
Increase recycling rates.

Improve % recycling of waste materials by
recycling some materials not currently being
recycled and improving recycling of existing

O.C.R.

AOS-6007

Third aspect you've selected

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- e. How will you achieve this improvement?

Energy Use - Total Energy Consumption

	Yes	No
x		
x	Option A: Absolute value	Planned Energy Consumption 144,000 mwh - 2000 (Quantity/Units)
	Option B: In terms of units of production or output	(Quantity/Units)
x	Option A: Absolute value	4% energy conservation of consumption for current year (Quantity/Units)
	Option B: In terms of units of production or output	(Quantity/Units)
	Through ongoing energy conservation efforts: more efficient lighting, more efficient motors, HVAC controls, etc.	

Fourth aspect you've selected

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- e. How will you achieve this improvement?

Product Recyclability and Reuse

	Yes	No
x		
x	Option A: Absolute value	1,637 metric tons 1999 - 5.1 % landfill (Quantity/Units)
	Option B: In terms of units of production or output	(Quantity/Units)
x	Option A: Absolute value	10% reduction per year (Quantity/Units)
	Option B: In terms of units of production or output	(Quantity/Units)
	Disassemble more materials, hand separate more scrap, find new sources willing to recycle materials	

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

- 1 How do you identify and respond to community concerns?

Dept KKV, Site Communications acts as the focal point for communications received from the general public and media sources.

- 2 How do you inform community members of important matters that affect them?

Media articles. Web page on the Internet.

- 3 How will you make the Achievement Track Annual Performance Report available to the public?

Note: Information will be made available on the corporate environmental website.

☒ Website <http://www.ibm.com/ibm/Environment/>

☐ Newspaper

☐ Open Houses

☐ Other

Section D, continued

4 Are there any ongoing citizen suits against your facility?

☐ Yes

☒ No

If yes, describe briefly in the right-hand column.

5 List references below.

	Organization	Name	Phone number
<i>Representative of a Community/ Citizen Group</i>	United Way of Olmsted County	Hilla Cline	507-287-2000
<i>State/Local regulator</i>	Minnesota Pollution Control Agency	Joe Carruth	651-297-8372
<i>Other community/local reference</i>	City of Rochester	Chuck Canfield, Mayor	507-285-8080

Section E

Application and Participation Statement.

On behalf of IBM Rochester
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date Martha J Morris 9/25/00
Printed Name/Title Martha J Morris, Vice President - Server Supply Chain Mgt &
WW AS/RS Mfg, IBM Rochester Senior Location Executive
Facility Name IBM Rochester

Facility Street Address 3605 Highway 52 North, Rochester, MN
Facility ID Numbers MND006161756

National Environmental Achievement Track

Environmental Requirements Checklist

The following *Checklist* is provided to assist facilities in answering *Section A, Tell us about Your facility, Question 6*. The *Checklist* is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The *Checklist* is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this *Checklist* and choose to submit it with your application, fill in your facility information below and enclose the completed *Checklist* with your application (see instructions).

Facility Name: IBM Rochester

Facility Location: 3605 Highway 52 North
Rochester, MN 55901

Facility ID Number(s) MND-006-161-756
(attach additional sheets if necessary)

Check All
That Apply

Air Pollution Regulations

- | | |
|---|---|
| 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) | X |
| 2. Permits and Registration of Air Pollution Sources | X |
| 3. General Emission Standards, Prohibitions and Restrictions | X |
| 4. Control of Incinerators | |
| 5. Process Industry Emission Standards | X |
| 6. Control of Fuel Burning Equipment | X |
| 7. Control of VOCs | X |
| 8. Sampling, Testing and Reporting | X |
| 9. Visible Emissions Standards | X |
| 10. Control of Fugitive Dust | X |
| 11. Toxic Air Pollutants Control | |
| 12. Vehicle Emissions Inspections and Testing | |

Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)

13. _____

14. _____

Hazardous Waste Management Regulations

- | | | |
|----|--|---|
| 1. | Identification and Listing of Hazardous Waste (40 CFR 261) | |
| | - Characteristic Waste | X |
| | - Listed Waste | X |
| 2. | Standards Applicable to Generators of Hazardous Waste (40 CFR 262) | |
| | - Manifesting | X |
| | - Pre-transport requirements | X |
| | - Record keeping/reporting | X |
| 3. | Standards Applicable to Transporters of Hazardous Waste (40 CFR 263) | |
| | - Transfer facility requirements | |
| | - Manifest system and record-keeping | |
| | - Hazardous waste discharges | |
| 4. | Standards for Owners and Operators of TSD Facilities (40 CFR 264) | |
| | - General facility standards | X |
| | - Preparedness and prevention | X |
| | - Contingency plan and emergency procedures | X |
| | - Manifest system, Record keeping and reporting | X |
| | - Groundwater protection | X |
| | - Financial requirements | X |
| | - Use and management of containers | X |
| | - Tanks | X |
| | - Waste piles | |
| | - Land treatment | |
| | - Incinerators | |
| 5. | Interim Status Standards for TSD Owners and Operators (40 CFR 265) | |
| 6. | Interim Standards for Owners and Operators of New Hazardous Waste
Land Disposal Facilities (40 CFR 267) | |
| 7. | Administered Permit Program (Part B) (40 CFR 270) | X |

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (*identify*)

8. _____
9. _____

Hazardous Materials Management

- | | | |
|----|---|---|
| 1. | Control of Pollution by Oil and Hazardous Substances (33 CFR 153) | X |
| 2. | Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) | X |
| 3. | Hazardous Materials Transportation Regulations (49 CFR 172-173) | X |
| 4. | Worker Right-to-Know Regulations (29 CFR 1910.1200) | X |
| 5. | Community Right-to-Know Regulations (40 CFR 350-372) | X |

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (*identify*)

6. _____
7. _____

Solid Waste Management

- | | |
|----|---|
| 1. | Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257) |
| 2. | Permit Requirements for Solid Waste Disposal Facilities |
| 3. | Installation of Systems of Refuse Disposal |
| 4. | Solid Waste Storage and Removal Requirements |
| 5. | Disposal Requirements for Special Wastes |

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (*identify*)

6. _____
7. _____

Water Pollution Control Requirements

- | | | |
|-----|--|---|
| 1. | Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) | X |
| 2. | Designation of Hazardous Substances (40 CFR 116) | X |
| 3. | Determination of Reportable Quantities for Hazardous Substances
(40 CFR 117) | X |
| 4. | NPDES Permit Requirements (40 CFR 122) | |
| 5. | Toxic Pollutant Effluent Standards (40 CFR 129) | |
| 6. | General Pretreatment Regulations for Existing and New Sources (40 CFR 403) | X |
| 7. | Organic Chemicals Manufacturing Point Source Effluent Guidelines
And Standards (40 CFR 414) | |
| 8. | Inorganic Chemicals Manufacturing Point Source Effluent Guidelines
and Standards (40 CFR 415) | |
| 9. | Plastics and Synthetics Point Source Effluent Guidelines and Standards
(40 CFR 416) | |
| 10. | Water Quality Standards | |
| 11. | Effluent Limitations for Direct Dischargers | |
| 12. | Permit Monitoring/Reporting Requirements | X |
| 13. | Classifications and Certifications of Operators and Superintendents
of Industrial Wastewater Plants | |
| 14. | Collection, Handling, Processing of Sewage Sludge | |
| 15. | Oil Discharge Containment, Control and Cleanup | |
| 16. | Standards Applicable to Indirect Discharges (Pretreatment) | X |

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

17. _____
18. _____

Drinking Water Regulations

1. Underground Injection and Control Regulations, Criteria and Standards
(40 CFR 144, 146)
2. National Primary Drinking Water Standards (40 CFR 141)
3. Community Water Systems, Monitoring and Reporting Requirements
(40 CFR 141)
4. Permit Requirements for Appropriation /Use of Water from Surface or
Subsurface Sources
5. Underground Injection Control Requirements
6. Monitoring, Reporting and Record keeping Requirements for Community
Water Systems

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above (identify)

7. _____

8. _____

Toxic Substances

- | | |
|--|---|
| 1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704) | X |
| 2. Import and Export of Chemicals (40 CFR 707) | X |
| 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) | X |
| 4. Chemical Information Rules (40 CFR 712) | X |
| 5. Health and Safety Data Reporting (40 CFR 716) | X |
| 6. Pre-Manufacture Notifications (40 CFR 720) | X |
| 7. PCB Distribution Use, Storage and Disposal (40 CFR 761) | X |
| 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) | |
| 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) | |

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above
(*identify*)

10. _____

11. _____

Pesticide Regulations

1. FTFRA Pesticide Use Classification (40 CFR 162)
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165)
3. Certification of Pesticide Applications (40 CFR 17.1)
4. Pesticide Licensing Requirements
5. Labeling of Pesticides
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
7. Disposal of Pesticide Containers
8. Restricted Use and Prohibited Pesticides

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (*identify*)

9. _____

10. _____

Environmental Clean-Up, Restoration, Corrective Action

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (*identify*)

2. RCRA Corrective Action (*identify*)
Groundwater cleanup of heavy metals from electroplating operations dating back to the 1950's.

Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration, Corrective Action Regulations Not Listed Above (*identify*)

3.

4.
